

06-02-06

2638
JFW



PATENT
Customer No. 22,852
Attorney Docket No. 9146.0001-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
RAGHAVAN, Sreen et al.) Group Art Unit: 2638
Application No.: 09/965,242) Examiner: WILLIAMS, Lawrence B.
Filed: September 26, 2001)
For: LOW COMPLEXITY HIGH-SPEED) Confirmation No.: 3308
COMMUNICATIONS TRANSCEIVER)

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER
37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified by Section 1.17(p).

Each document listed in this Information Disclosure Statement was first cited in a communication from the United States Patent Office in a counterpart application, and this Information Disclosure Statement is being filed within thirty days of the mailing date of that

communication. In accordance with 37 C.F.R. § 1.704(d), no negative patent term adjustment consequences will apply to this Information Disclosure Statement.

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patent publications are not enclosed.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

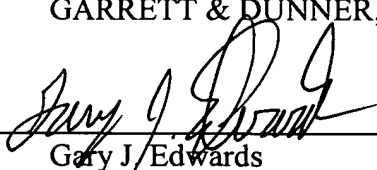
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: May 30, 2006

By:



Gary J. Edwards
Reg. No. 41,008

Express Mail Label No. EV 860818482 US

IDS Form PTO/SB/08: Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	09/965,242	
			Filing Date	September 26, 2001	
			First Named Inventor	RAGHAVAN, Sreen	
			Art Unit	2638	
			Examiner Name	WILLIAMS, Lawrence B.	
Sheet	1	of	1	Attorney Docket Number	9146.0001-01

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials [*]	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US 2001/0031014 A1	10-18-2001	Subramanian et al.	
		US 2002/0159551 A1	10-31-2002	Ekvetchavit et al.	
		US-4,455,649	06-19-1984	Esteban et al.	
		US-6,005,893	12-21-1999	Hyll	
		US-6,252,900 B1	06-26-2001	Liu et al.	
		US-6,418,161 B1	07-09-2002	Shively et al.	
		US-6,724,331 B1	04-20-2004	El-Ghoroury et al.	
		US-6,975,685 B1	12-13-2005	Merriam, Jr.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		Office Action mailed May 17, 2006 in U.S. Appl. No. 09/904,432 (Our ref. 9146.01-00).	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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